

A jump problem on a contour with limit continuum

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Abstract

© 2015, Allerton Press, Inc. We obtain a solvability condition for boundary-value problem on restoring holomorphic function by a given jump on a contour with limit continuum. An example of such contour is a graph of the function (Formula presented.), $0 < x \leq 1$, whose limit continuum is a segment $[-i, i]$ of imaginary axis.

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Keywords

analytic function, contour with limit continuum, the jump boundary-value problem